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| Form PTO-1390  |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |  | ATTORNEY'S DOCKET NUMBER<br>P28972  |  |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |  |  |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/560522</b><br>Not Yet Assigned |  |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP2005/014356   |  | INTERNATIONAL FILING DATE<br>July 29, 2005                 |  | PRIORITY DATE CLAIMED   |  |
| TITLE OF INVENTION<br>Y <sub>2</sub> O <sub>3</sub> SPRAY-COATED MEMBER AND PRODUCTION METHOD THEREOF  |  |  |  |   |  |
| APPLICANT(S) FOR DO/EO/US<br>Yoshio HARADA and Takema TERATANI   |  |  |  |   |  |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (23) indicated below.</li> <li><input type="checkbox"/> The US has been elected (PCT Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154 (d) (4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).<br/>"EXECUTED"</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11 to 22 below concern other document(s) or information included:</p> <ol style="list-style-type: none"> <li>Assignee: <u>Tocalo Co., Ltd. Of Hyogo, Japan</u></li> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A FIRST preliminary amendment.<br/><input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li><input type="checkbox"/> An Application Data Sheet under 37 C.F.R. 1.76.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input checked="" type="checkbox"/> Figure of Drawing to be published: <u>1</u></li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154 (d) (4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international of the international application under 35 U.S.C. 154 (d) (4).</li> <li><input checked="" type="checkbox"/> Other items or information:<br/>Copy of the International Application as filed in Japanese<br/>PCT/ISA/210-International Search Report in Japanese<br/>PCT/RO/101-PCT Request in Japanese<br/>PCT/IB/301</li> </ol> |  |  |  |   |  |

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| U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/560522</b><br>Not Yet Assigned  |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP2005/014356                            |            | ATTORNEY'S DOCKET NUMBER<br>P28972    |              |
| 23 <input checked="" type="checkbox"/> The following fees are submitted:<br>Basic national fee.....300.00   |              |   |            | CALCULATIONS<br>\$ 300.00             | PTO USE ONLY |
| 24 <input checked="" type="checkbox"/> Examination Fee<br>If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33 (1)-(4).....100.00<br>All other situations.....200.00   |              |   |            | \$ 200.00                             |              |
| 25 <input checked="" type="checkbox"/> Search fee<br>Search fee (37 CFR 1.445(a) (2)) has been paid on the international application to the USPTO as an International Searching Authority.....100.00<br>International Search Report prepared and provided to the Office.....400.00<br>All other situations.....500.00 |              |   |            | \$ 400.00                             |              |
| <b>TOTAL 23, 24 and 25 =</b>  |              |   |            | \$ 900.00                             |              |
| <input type="checkbox"/> Additional Fee for Specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.  |              |   |            |                                       |              |
| Total Sheets  | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE       |                                       |              |
| -100=   | /50 =        |   | x \$250.00 | \$ 0.00                               |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).  |              |   |            | \$ 0.00                               |              |
| Claims  | Number Filed | Number Extra  | Rate       |                                       |              |
| Total Claims  | 17 - 20 =    | 0   | x \$50.00  | \$ 0.00                               |              |
| Independent Claims  | 4 - 3 =      | 1   | x \$200.00 | \$ 200.00                             |              |
| Multiple Dependent Claim(s) (if applicable)   |              |   |            | + \$360.00                            | \$ 0.00      |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |   |            | \$1,100.00                            |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |   |            | \$ 0.00                               |              |
| <b>SUBTOTAL =</b>   |              |   |            | \$1,100.00                            |              |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (i)).  |              |   |            | \$ 0.00                               |              |
| Extension of Time fee in the amount of \$   |              |   |            | \$ 0.00                               |              |
| <b>TOTAL NATIONAL FEE =</b>   |              |   |            | \$1,100.00                            |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |            | \$ 40.00                              |              |
| <b>TOTAL FEES ENCLOSED =</b>  |              |   |            | \$1,140.00                            |              |
|   |              |   |            | Amount to be refunded                 | \$           |
|   |              |   |            | Charged                               | \$           |
| a. <input checked="" type="checkbox"/> A check in the amount of \$1,140.00 to cover the above fees is included.   |              |   |            |                                       |              |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.   |              |   |            |                                       |              |
| c. <input checked="" type="checkbox"/> The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089.   |              |   |            |                                       |              |
| d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  |              |   |            |                                       |              |
| <b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.  |              |   |            |                                       |              |
| SEND ALL CORRESPONDENCE TO CUSTOMER NO. 07055<br>AT THE PRESENT ADDRESS OF:   |              |   |            | Leslie J. Paperner<br>Reg. No. 33,329 |              |
| Bruce H. Bernstein<br>GREENBLUM & BERNSTEIN, P.L.C.<br>1950 Roland Clark Place<br>Reston, VA 20191<br>(703) 716-1191  |              |   |            | Bruce H. Bernstein<br>NAME            |              |
|   |              |   |            | 29,027<br>REGISTRATION NUMBER         |              |